Handouts: copy of the POR TEPPL; copy of complete POR package.

Received 582 PORs in the last year

Division 13 sent in the most pors – 128; Div 11 2nd with 92

Audience participation:

There are 3 possible answers to each question:

- 1) New plan
- 2) Plan of record
- 3) No plan needed

Cabinet is located in a different quadrant – plan of record

6x60 loop is replaced with a 6x40 quadrupole loop – plan of record

Time before reduction is increased – no plan needed

Right turn overlap is added – new plan

Change from 5-phase to 2-phase – new plan

Change max time – no plan needed

Change min time – no plan needed

Upgrade from 8" to 12" heads – plan of record

Upgrade to LEDs – no plan needed

Upgrade from pretimed to semi-actuated – new plan needed

Replace Tee head with 3-section all arrow head – plan of record

Change delay on a loop from 15 seconds to 20 seconds – no plan needed

Revise FYA head from flashing red to flashing yellow during flashing operation – plan of record

Change from stretch detection to volume density – new plan

Upgrade from NEMA controller/cabinet to 2070 – plan of record

Change in speed limit – new plan

Change in clearance times – new plan

Upgrade to countdown ped heads – plan of record

Change from 5-phase to 8-phase – new plan

Move stop bars further back from their original plan location – new plan

Move stop bars closer to intersection from original plan – plan of record

Remove backplates that were shown on original plan – plan of record

If you're not sure, call your regional signals engineer or Buddy Murr.

Here are some of the issues we run into:

Lanes don't match

Marked up signal plan not sent in even though there have been changes

Need speed limits

Street names and SRs have changed

Stretch time in quarter seconds rather than tenths for 2070 plans

Mark up the correct plan, sometimes we get an older version even though the newer one is installed

Conflicting information

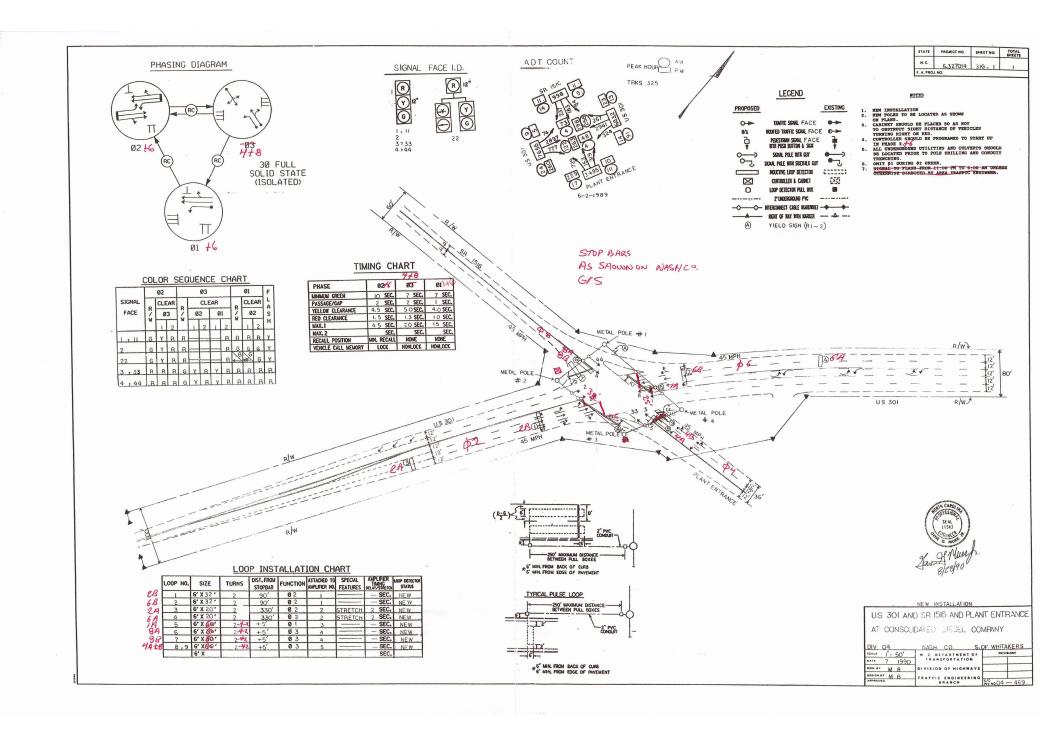
Complete and correct loop info

Label loops

Loop information on the signal plan contradicts the information on the electrical details

No info on backup protection

Make sure it's legible



2070 EQUIPMENT INFORMATION (Circle or fill in information) McCAIN EAGLE SAFETRAN CABINET MANUFACTURER PHILLIPS/SISSON EAGLE ECONOLITE SAFETRAN CONTROLLER M11469 CABINET / (MODEL #) ECONOLITE (DASIS) OTHER SOFTWARE BASE POLE CARINET MOUNT 12 / 18(12-STD. 6-AUX) OUTPUT FILE POSITIONS 451,452,454,456,458 LOAD SWITCHES USED 1 2, 4, 6 % B: OVERLAP C: PHASES USED OVERLAP D: OVERLAP B: OVERLAP A. YES / NO . DRAWING NUMBER_____ CABINET PRINT EXISTING ELECTRICAL DETAIL YES / NO AUX. DEVICES (GPS, MICROWAVE, ...)

S4P **\$5**

PED 5 6

4.44 101

102

103

SWITCH NO.

PHASE

SIGNAL HEAD NO.

RED

YELLOW GREEN

52 S2P

z PED

22 1/11

127

123

1,20

13/

2070 PLAN OF RECORD

RECORDED E	Steven Hoag
TIME AND D	DATE Feb 5 09
	VENTORY NUMBER 04-0469
INTERSECTI	ON_US 301@SR1516 and Plant Ent. Consolida
DIVISION	4 COUNTY Nash CITY Whitakers

BACK OF PRINCETON
FOR 21 PROBRAMED

	LOAD RESISTORS
	PHASE 1-125
S13 S14	TERMINAL
OLD SPARE	TERMINAL
	AC- PHASE
	TERMINAL
	PHASE TERMINAL
	AC-
	5
	AC-

Remove diode jumpers 1-16,2-6,4-8	640802724 HCK
	PHASE SWITCH 1 OFF / ON 2 OFF / ON 3 OFF / ON 4 OFF / ON 5 OFF / ON 5 OFF / ON 6 OFF / ON 7 OFF / ON 9 OFF / ON 10 OFF / ON 11 OFF / ON 11 OFF / ON 11 OFF / ON 11 OFF / ON 12 OFF / ON 13 OFF / ON 11 OFF / ON 13 OFF / ON 14 OFF / ON 15 OFF / ON 15 OFF / ON 15 OFF / ON 16 OFF / ON

SIGNAL HEAD HOOK-UP CHART

S6 | S6P

134

135

136

S7 S8 S8P

3,33

107

103

109

S9 S10 S11 S12

OLC

PED DLA OLB SPARE

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	NEMA PHASE	CALL	EXTEND	FULL TIME Delay	STRETCH TIME	TIME
1A	TB2 1-2	IIU	1	Υ	Υ			15
1,7-	100	İİL		Υ	Y			
2A	TB2-5,6	120	Z	Y	Υ		2.0	
2B	TBQ-7,8	I2L	2	Y	Υ			
		130		Y	Y			
7.3		I3L		Υ	Y			
		[4]		γ	Y			
		I4L		Y	Y			
	1	15U		Y	Y			
		I5L		Y	Y			
4 A	T134-9;00	16U	4	Y	Y			3
4 B	TB4-11-12	I6L_	4	Υ.	Υ			15
		I7U		Y	Y			
		I7L		Y	Υ			
		I8U		Y	Υ			
	1	I8L_		Y	Υ			
	1	19U		γ.	Υ			
		I9L		Y	Υ			
		JIU		Y	Υ			
· *		JIL		Y	Y			
CA	TB3-5,6	J2U	6	Y	Y.		2.0	
6 B	TB3-7,8	J2L	6	Y	Y			
		J3U		Y	Υ			
		J3L		Υ	Y			
		J4U		Y	Υ			
		J4L	. :	<u>Y</u>	Y			-
		J5U		γ	. Y			
		J5L		Υ.	Y			
	TB\$ 59,10	J6U	8	Y	Y			,~
8B	TB5-11,D	J6L	8	Y	Y			5
		J7U		Y	Y			
		J7L		Y	Υ			
		J8U		Y	Υ			
		J8L	$\neg \neg$	Y	Y			
· ·		J9U		Y	Y			
		J9L		Ÿ	Y			
		JJL		-				
PED PUSH	1,000	INPUT	DETECTOR	NEWA	\neg			

PED PUSH Buttons	LOOP TERMINAL	INPUT FILE POS.	DETECTOR NO.	NENA Phase
		120	PE0 2	
		177	PED 4	
		1130	F0.5	
		112	PE0 3	